

What is claimed is:

1. A tub of a drum type washing machine, comprising:
  - a tub body having a drum installed rotatably inside;
  - a sump at a bottom of the tub body to store water or foam;
  - a drain outlet at a bottom of the sump wherein the water or foam is discharged via the drain outlet; and
  - a rib at one side of the sump to prevent the water or foam from deviating from the sump.
2. The tub as claimed in claim 1, wherein the sump is expanded to increase a capacity of storing the water and foam therein.
3. The tub as claimed in claim 2, wherein the drain outlet is formed at an expanded portion of the sump.
4. The tub as claimed in claim 2, wherein the rib is formed at an edge top of the expanded sump to prevent the water or foam from deviating from the sump by a rotation of the drum.
5. The tub as claimed in claim 1, wherein the sump is expanded in a rotational direction of the drum on dewatering to increase a capacity of storing the water and foam therein.

25           6.       The tub as claimed in claim 5, wherein the drain outlet is formed at an  
26 expanded portion of the sump.

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28           7.       The tub as claimed in claim 5, wherein the rib is formed at an edge top of the  
29 expanded sump to prevent the water or foam from deviating from the sump by a rotation of  
30 the drum.

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32           8.       A drum type washing machine, comprising:  
33 a cabinet forming an exterior;  
34 a drum in the cabinet to hold a laundry and a detergent therein;  
35 a tub body having the drum installed rotatably inside;  
36 a sump at a bottom of the tub body to store water or foam;  
37 a drain outlet at a bottom of the sump wherein the water or foam is discharged via the  
38 drain outlet; and  
39 a rib at one side of the sump to prevent the water or foam from deviating from the  
40 sump.

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42           9.       The drum type washing machine as claimed in claim 8, wherein the sump is  
43 expanded to increase a capacity of storing the water and foam therein.

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45           10.      The drum type washing machine as claimed in claim 9, wherein the drain  
46 outlet is formed at an expanded portion of the sump.

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48           11.      The drum type washing machine as claimed in claim 9, wherein the rib is

49 formed at an edge top of the expanded sump to prevent the water or foam from deviating from  
50 the sump by a rotation of the drum.

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52 12. The drum type washing machine as claimed in claim 8, wherein the sump is  
53 expanded in a rotational direction of the drum on dewatering to increase a capacity of storing  
54 the water and foam therein.

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56 13. The drum type washing machine as claimed in claim 12, wherein the drain  
57 outlet is formed at an expanded portion of the sump.

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59 14. The drum type washing machine as claimed in claim 12, wherein the rib is  
60 formed at an edge top of the expanded sump to prevent the water or foam from deviating from  
61 the sump by a rotation of the drum.